

**ATTACHMENT B**  
**URANIUM SHIPMENTS FROM SRS**  
**FY 53-FY 99**

Uranium Solution Shipped From SRS to Y-12, FY53 - FY99

5/11/00

Fiscal Year	Solution		Range of Estimated / Measured Constituents				
	MTU	<sup>235</sup> U %	<sup>239</sup> Pu, ppb	<sup>238</sup> Pu, ppb	<sup>237</sup> Np, ppb	<sup>236</sup> U, kg.	<sup>99</sup> Tc, ppm
1953							
1954							
1955							
1956							
1957							
1958							
1959							
1960							
1961	2	84.23%	0.251		73.4	0	82
1962	2	84.47%	0.251		73.4	0	82
1963	6	80.89%	0.251		73.4	0	82
1964	3	80.72%	0.251		73.4	0	82
1965	3	76.32%	0.251		73.4	156	82
1966	3	71.96%	0.251		73.4	567	82
1967	2	66.14%	0.251		73.4	503	82
1968	2	56.50%	0.251		73.4	545	82
1969	4	62.17%	0.251		73.4	986	82
1970	2	53.08%	0.251		73.4	606	82
1971	4	59.90%	0.251		73.4	984	82
1972	4	54.29%	0.251		73.4	1,309	82
1973	5	56.54%	0.251		73.4	1,462	82
1974	4	54.59%	0.251		73.4	1,334	82
1975	5	54.48%	0.251		73.4	1,454	82
1976	4	49.91%	0.251		73.4	1,369	82
1977	4	44.98%	0.251		73.4	1,612	82
1978	2	46.92%	0.251		73.4	701	82
1979	4	48.19%	0.251		73.4	1,391	82
1980	1	57.70%	0.251		73.4	373	82
1981	5	54.32%	0.251		73.4	1,419	82
1982	5	47.07%	0.251		73.4	1,728	82
1983	5	51.17%	0.251		73.4	1,382	82
1984	4	57.62%	0.251		73.4	899	82
1985	1	51.61%	0.251		73.4	390	82
1986	2	48.18%	0.251		73.4	498	82
1987							
1988							
1989							
1990							
1991							
1992							
1993							
1994							
1995							
1996							
1997							
1998							
1999							
<b>Total</b>	<b>91</b>					<b>21,668</b>	

## Uranium Solution Shipped From SRS to Fernald, FY53 - FY99

5/11/00

Fiscal Year	Solution		Range of Estimated / Measured Constituents				
	MTU	<sup>235</sup> U %	<sup>239</sup> Pu, ppb	<sup>238</sup> Pu, ppb	<sup>237</sup> Np, ppb	<sup>236</sup> U, kg.	<sup>99</sup> Tc, ppm
1953							
1954							
1955							
1956							
1957							
1958							
1959							
1960							
1961							
1962							
1963							
1964							
1965							
1966							
1967							
1968							
1969							
1970							
1971							
1972							
1973							
1974	15	3.72%	0.251		73.4	17	82
1975							
1976	12	3.06%	0.251		73.4	14	82
1977	4	0.71%	0.251		73.4	0	82
1978	12	4.44%	0.251		73.4	23	82
1979							
1980	30	3.50%	0.251		73.4	17	82
1981							
1982							
1983							
1984							
1985							
1986							
1987							
1988							
1989							
1990							
1991							
1992							
1993							
1994							
1995							
1996							
1997							
1998							
1999							
<b>Total</b>	<b>74</b>					<b>71</b>	

## Uranium Oxide Shipped From SRS to Y-12, FY53 - FY99

5/11/00

Fiscal Year	Oxide Shipped		Range of Estimated / Measured Constituents				
	MTU	<sup>235</sup> U %	<sup>239</sup> Pu, ppb	<sup>238</sup> Pu, ppb	<sup>237</sup> Np, ppb	<sup>236</sup> U, kg.	<sup>99</sup> Tc, ppm
1953							
1954							
1955							
1956							
1957							
1958							
1959							
1960							
1961							
1962							
1963							
1964							
1965	0.0	0.20%	1.21		240	0	1.08
1966	0.1	0.20%	1.21		240	0	1.08
1967							
1968							
1969							
1970	42.6	0.74%	1.20		120	0	1.08
1971							
1972							
1973							
1974							
1975							
1976	0.0	87.94%	1.78		120	0	1.08
1977	0.0	51.85%	1.78		120	0	1.08
1978							
1979							
1980							
1981	0.0	2.63%	1.78		120	0	1.08
1982	0.5	70.23%	1.78		120	24	1.08
1983	1.9	52.21%	1.78		120	462	1.08
1984							
1985							
1986							
1987							
1988							
1989							
1990							
1991							
1992							
1993							
1994							
1995							
1996							
1997							
1998							
1999							
<b>Total</b>	<b>45</b>					<b>486</b>	

## Uranium Oxide Shipped From SRS to Fernald, FY53 - FY99

5/11/00

Fiscal Year	Oxide Shipped		Range of Estimated / Measured Constituents				
	MTU	<sup>235</sup> U %	<sup>239</sup> Pu, ppb	<sup>238</sup> Pu, ppb	<sup>237</sup> Np, ppb	<sup>236</sup> U, kg.	<sup>99</sup> Tc, ppm
1953							
1954							
1955							
1956							
1957							
1958							
1959							
1960							
1961	1.1	71.10%	1.02		240		1.08
1962							
1963							
1964	0.6	71.10%	1.21		240		1.08
1965							
1966	201.5	0.78%	1.21		240		1.08
1967	859.3	0.79%	1.21		240		1.08
1968	412.0	1.53%	1.20		120		1.08
1969	705.9	0.70%	1.20		120		1.08
1970	21.8	0.75%	1.20		120		1.08
1971	59.9	0.78%	1.20		120		1.08
1972	0.2	3.21%	1.20		120		1.08
1973							
1974							
1975							
1976	0.2	0.81%	1.78		120		1.08
1977							
1978	17.8	71.10%	1.78		120		1.08
1979							
1980	51.0	0.17%	1.78		120		1.08
1981							
1982	0.1	71.10%	1.78		120		1.08
1983							
1984	23.2	0.20%	1.78		120		1.08
1985	27.4	0.19%	1.78		120		1.08
1986							
1987							
1988							
1989							
1990							
1991							
1992							
1993							
1994							
1995							
1996							
1997							
1998							
1999							
<b>Total</b>	<b>2,382</b>						

Uranium Oxide Shipped From SRS to Paducah GDP, FY55 - FY99							5/11/00
Fiscal Year	Oxide Shipped		Range of Estimated / Measured Constituents				
	MTU	<sup>235</sup> U %	<sup>239</sup> Pu, ppb	<sup>238</sup> Pu, ppb	<sup>237</sup> Np, ppb	<sup>236</sup> U, kg.	<sup>99</sup> Tc, ppm
1955	283	0.20%	2.37		240		1.08
1956	195	0.20%	2.37		240		1.08
1957	565	0.20%	2.37		240		1.08
1958	230	0.20%	2.37		240		1.08
1959							
1960							
1961	91	0.20%	1.02		240		1.08
1962	1,533	0.20%	1.21		240		1.08
1963	1,343	0.20%	1.21		240		1.08
1964	1,603	0.20%	1.21		240		1.08
1965							
1966							
1967							
1968	2	0.20%	1.20		120		1.08
1969	2,815	0.20%	1.20		120		1.08
1970							
1971	597	0.20%	1.20		120		1.08
1972							
1973							
1974							
1975							
1976							
1977							
1978							
1979							
1980							
1981							
1982							
1983							
1984							
1985							
1986							
1987							
1988							
1989							
1990							
1991							
1992							
1993							
1994							
1995							
1996							
1997							
1998							
1999							
<b>Total</b>	<b>9,257</b>						

## Uranium Oxide Shipped From SRS to K-25 GDP, FY55 - FY99

5/11/00

Fiscal Year	Oxide Shipped		Range of Estimated / Measured Constituents				
	MTU	<sup>235</sup> U %	<sup>239</sup> Pu, ppb	<sup>238</sup> Pu, ppb	<sup>237</sup> Np, ppb	<sup>236</sup> U, kg.	<sup>99</sup> Tc, ppm
1955	272	0.20%	2.37		240		1.08
1956	2,539	0.20%	2.37		240		1.08
1957	2,632	0.20%	2.37		240		1.08
1958	1,075	0.20%	2.37		240		1.08
1959	831	0.20%	1.02		240		1.08
1960	1,678	0.20%	1.02		240		1.08
1961	1,122	0.20%	1.02		240		1.08
1962	139	0.20%	1.21		240		1.08
1963							
1964							
1965	2	0.20%	1.21		240		1.08
1966							
1967							
1968							
1969							
1970							
1971							
1972							
1973							
1974							
1975							
1976							
1977							
1978							
1979							
1980							
1981							
1982							
1983							
1984							
1985							
1986							
1987							
1988							
1989							
1990							
1991							
1992							
1993							
1994							
1995							
1996							
1997							
1998							
1999							
<b>Total</b>	<b>10,290</b>						